

RUBBER LAMINATE AND PNEUMATIC TIRE USING THE SAME

ABSTRACT OF THE DISCLOSURE

A rubber laminate strengthening the bonding strength at a high temperature and under high strain by adjusting the formulation of the bonding rubber arranged between a hydrogenated NBR composition and general diene-based rubber, wherein the bonding rubber composition is comprised of 100 parts by weight of a rubber containing 50 to 85 parts by weight of at least one type of diene-based rubber selected from natural rubber, polyisoprene rubber, polybutadiene rubber, and a conjugated diene-aromatic vinyl copolymer and 15 to 50 parts by weight of an ethylenic unsaturated nitrile-conjugated diene-based high saturation rubber with a content of conjugated diene units of not more than 30 wt% plus 10 to 60 parts by weight of zinc methacrylate, 0.3 to 10 parts by weight of an organic peroxide, and 5 to 50 parts by weight of a co-cross-linking agent having one of an acryl group, methacryl group, and allyl group and liquid at room temperature.